

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(first with (acidic or acidity) with (catalyst or support) and second with (low\$3 or less\$3) with (acidic or acidity) with (catalyst or support) and acidity with (\$1mol/g)).clm.	US- PG PUB	OR	ON	2008/02/12 23:04
S1	1	("6261441").PN.	USPAT; USOCR	OR	OFF	2007/08/03 14:42
S3	2561	208/210,58,59,254H.ccls.	US- PG PUB; USPAT; USOCR	OR	OFF	2007/08/03 15:50
S4	18	S3 and first with (acidic or acidity) with support and second with (acidic or acidity) with support	US- PG PUB; USPAT; USOCR	OR	OFF	2007/08/03 14:50
S5	8	S3 and first with (acidic or acidity) with support same acidity and second with (acidic or acidity) with support same acidity	US- PG PUB; USPAT; USOCR	OR	OFF	2007/08/03 14:53
S6	1	S3 and first with (acidic or acidity) with support and second with (acidic or acidity) with support and bronsted	US- PG PUB; USPAT; USOCR	OR	OFF	2007/08/03 14:54
S7	4	(hydroprocessing or hydrotreat\$4 or hydrocracking) and first with (acidic or acidity) with support and second with (acidic or acidity) with support and bronsted	US- PG PUB; USPAT; USOCR	OR	OFF	2007/08/03 15:03
S8	35	(hydroprocessing or hydrotreat\$4 or hydrocracking) and first with (acidic or acidity) with catalyst and second with (acidic or acidity) with catalyst and bronsted	US- PG PUB; USPAT; USOCR	OR	OFF	2007/08/03 15:05

S9	4	(hydroprocessing or hydrotreat\$4 or hydrocracking) and first with (acidic or acidity) with catalyst and second with (acidic or acidity) with catalyst and bronsted with acidity	US- PGPUB; USPAT; USOCR	OR	OFF	2007/08/03 15:06
S10	7	(hydroprocessing or hydrotreat\$4 or hydrocracking) and first with (acidic or acidity) with catalyst and second with (acidic or acidity) with catalyst and bronsted with acidity	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:07
S11	0	(hydroprocessing or hydrotreat\$4 or hydrocracking) and first with (acidic or acidity) with catalyst and second with (acidic or acidity) with catalyst and umol/g with acidity	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:07
S12	0	(hydroprocessing or hydrotreat\$4 or hydrocracking) and first with (acidic or acidity) with catalyst and second with (acidic or acidity) with catalyst and (\$1mol/g) with acidity	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:08
S13	0	(hydroprocessing or hydrotreat\$4 or hydrocracking) and first with (acidic or acidity) with support and second with (acidic or acidity) with support and (\$1mol/g) with acidity	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:08
S14	0	(hydroprocessing or hydrotreat\$4 or hydrocracking) and first with (acidic or acidity) with support and second with (acidic or acidity) with support and (\$1mol/g)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:08

S15	2	(hydroprocessing or hydrotreat\$4 or hydrocracking) and first with (acidic or acidity) with catalyst and second with (acidic or acidity) with catalyst and (\$1mol/g)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:09
S16	4	(hydroprocessing or hydrotreat\$4 or hydrocracking or hydrogenat \$4 or hydroisomerizat\$4 or hydrofinishing or hydroconver \$4) and first with (acidic or acidity) with catalyst and second with (acidic or acidity) with catalyst and (\$1mol/g)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:10
S17	4	(hydroprocessing or hydrotreat\$4 or hydrocracking or hydrogenat \$4 or hydroisomerizat\$4 or hydrofinishing or hydroconver \$4) and first with (acidic or acidity) with (catalyst or support) and second with (acidic or acidity) with (catalyst or support) and (\$1mol/g)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:13
S18	1	"208"/\$.ccls. and first with (acidic or acidity) with (catalyst or support) and second with (acidic or acidity) with (catalyst or support) and (\$1mol/g)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:13
S19	1	"502"/\$.ccls. and first with (acidic or acidity) with (catalyst or support) and second with (acidic or acidity) with (catalyst or support) and (\$1mol/g)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:30
S20	47	"502"/\$.ccls. and first with (acidic or acidity) with (catalyst or support) and second with (acidic or acidity) with (catalyst or support) and acid with sites	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:31
S21	68	"208"/\$.ccls. and first with (acidic or acidity) with (catalyst or support) and second with (acidic or acidity) with (catalyst or support) and acid with sites	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:32

S22	96	(S20 or S21) and (hydroprocessing or hydrotreat\$4 or hydrocracking or hydrogenat \$4 or hydroisomerizat\$4 or hydrofinishing or hydroconver \$4)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:34
S23	19	"208"/\$.ccls. and first with (acidic or acidity) with (catalyst or support) and second with (low\$3 or less\$3) with (acidic or acidity) with (catalyst or support) and acid with sites	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:40
S24	26	"502"/\$.ccls. and first with (acidic or acidity) with (catalyst or support) and second with (low\$3 or less\$3) with (acidic or acidity) with (catalyst or support) and acid with sites	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:40
S25	37	(S23 or S24) and (hydroprocessing or hydrotreat\$4 or hydrocracking or hydrogenat \$4 or hydroisomerizat\$4 or hydrofinishing or hydroconver \$4)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:42
S26	25	S25 and bronsted	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:42
S27	0	S26 and (\$1mol/g)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:43
S28	65	"208"/\$.ccls. and first with (acidic or acidity) with (catalyst or support) and second with (low\$3 or less\$3) with (acidic or acidity) with (catalyst or support)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:46
S29	40	"502"/\$.ccls. and first with (acidic or acidity) with (catalyst or support) and second with (low\$3 or less\$3) with (acidic or acidity) with (catalyst or support)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:40

S30	81	(S28 or S29) and (hydroprocessing or hydrotreat\$4 or hydrocracking or hydrogenat\$4 or hydroisomerizat\$4 or hydrofinishing or hydroconver\$4)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:42
S31	25	S30 and bronsted	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:43
S32	1	S30 and bronsted with acidity	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:43
S33	0	S30 and (\$1mol/g)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:44
S34	1	bronsted with acidity with (\$1mol/g)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:45
S35	60	acidity with (\$1mol/g)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:53
S36	0	S35 and first with (acidic or acidity) with (catalyst or support) and second with (low \$3 or less\$3) with (acidic or acidity) with (catalyst or support)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:46
S37	0	208/210,58,59,254H.ccls. and acidic with support same bronsted adj acidity	US- PGPUB; USPAT; USOCR	OR	OFF	2007/08/03 15:51
S38	4	208/210,58,59,254H.ccls. and bronsted adj acidity	US- PGPUB; USPAT; USOCR	OR	OFF	2007/08/03 15:51
S39	2	S3 and S35	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:51
S40	10	"208"/\$.ccls. and acidity with (\$1mol/g)	US- PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:56

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